

Environmental Laboratory SALT FOG CHAMBER



The Salt Fog Chamber conducts tests to determine the resistance of equipment to the effects of an aqueous salt atmosphere. The chamber is equipped with all components necessary to continuously atomize a salt solution and maintain a temperature in the exposure zone in accordance with military and ASTM standards. Over 40,000 square feet of environmental test facilities are available for use. In addition to normal salt for testing, the chamber is equipped with the appropriate controllers, timers, solenoid valves, fluorimeter, and gas dispersion ring to perform salt fog testing with the introduction of sulfur dioxide for stack simulation. The chamber volume is 73 cubic feet. One of the projects that this chamber has supported is the corrosion investigation of various magnesium alloy test panels.

For more information, contact the Electrical Power Systems Division at the Naval Air Warfare Center Aircraft Division, Patuxent River, MD 20670 at 301-342-0823.

